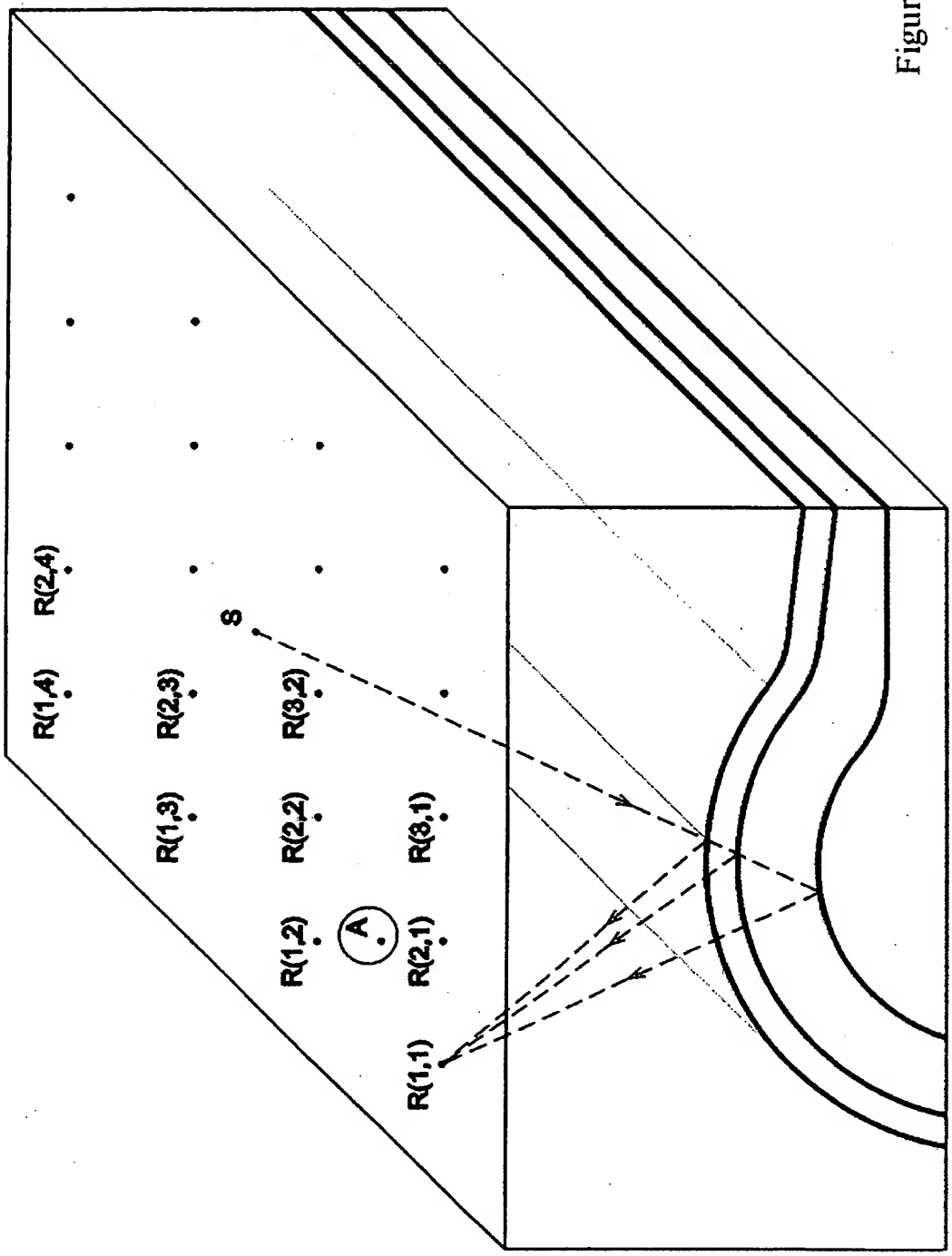


Figure 1

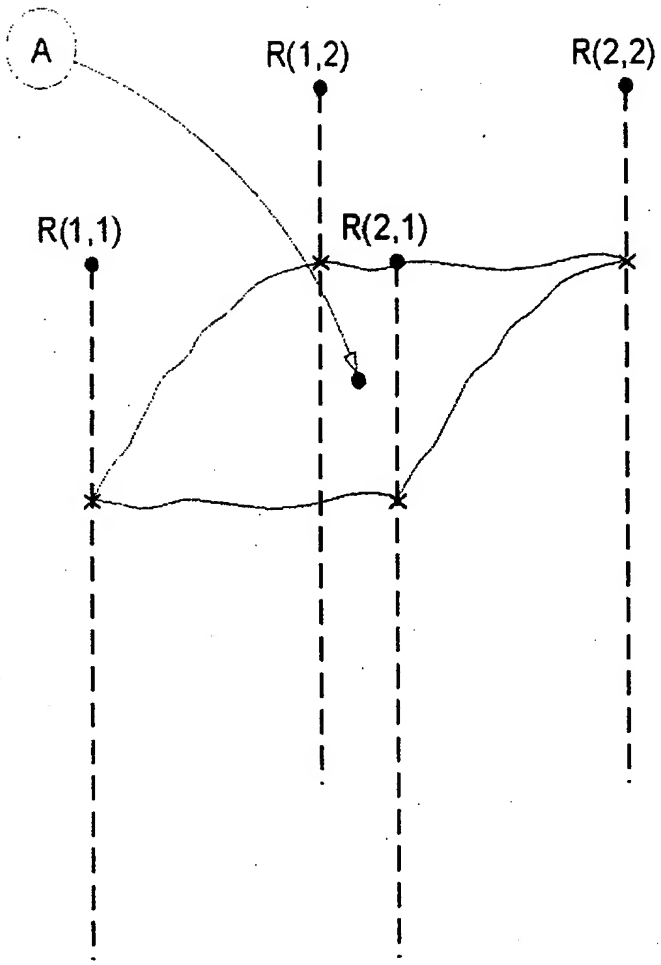
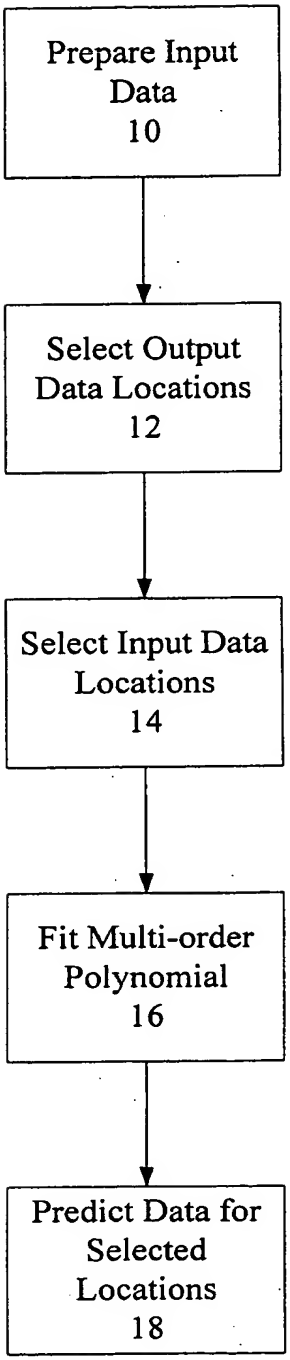
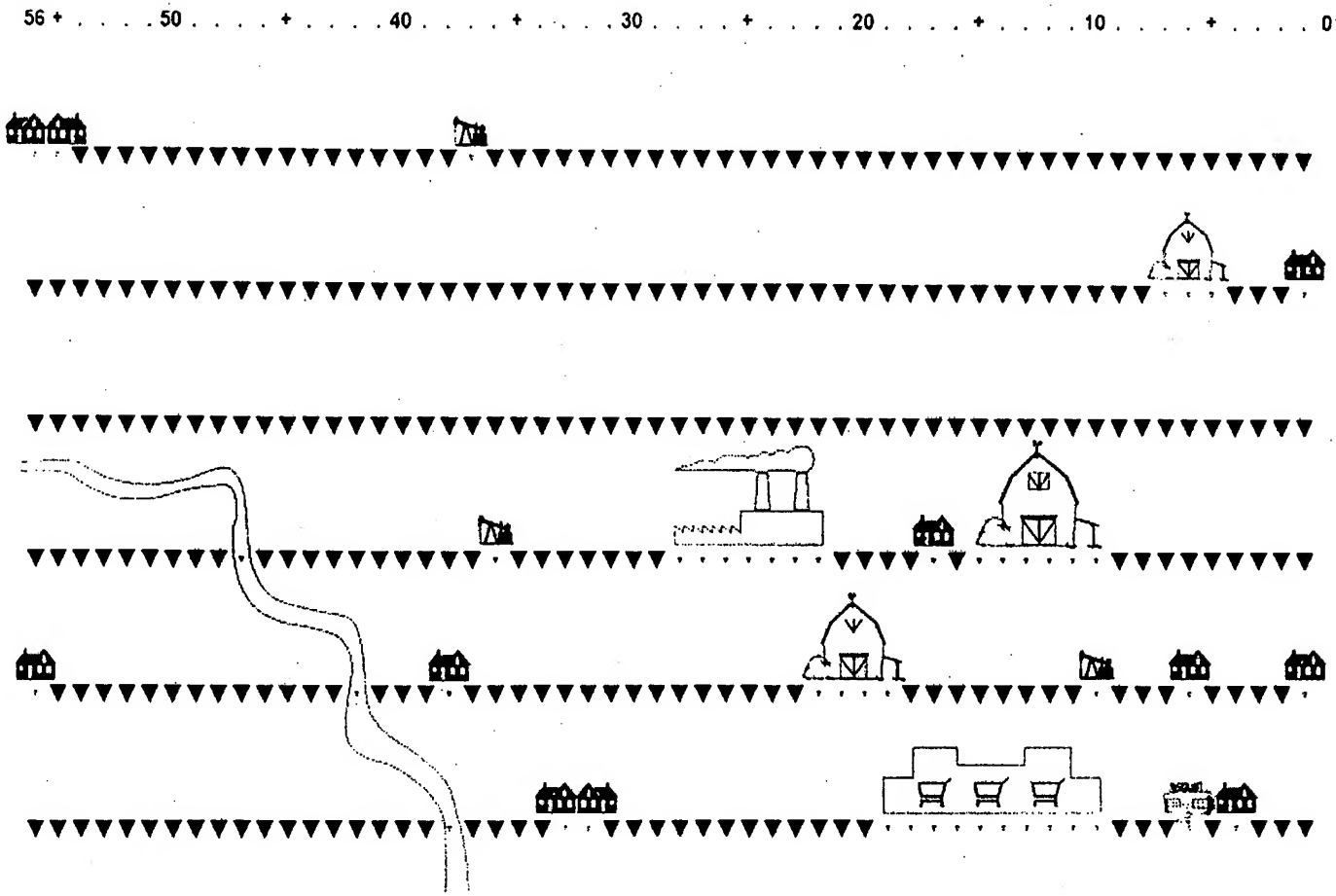


Figure 1A

Figure 2


Prepare Input Data 10
Select Output Data Locations 12
Select Input Data Locations 14
Fit Multi-order Polynomial 16
Predict Data for Selected Locations 18



INPUT SHOT POSITION MAP:
▼ = A LIVE SHOT
· = NO SHOT
TOTAL LIVE SHOTS = 317

*** POINT POSITION MAP ***
HORIZONTAL Y SCALE 96m
VERTICAL X SCALE 513m

Figure 3

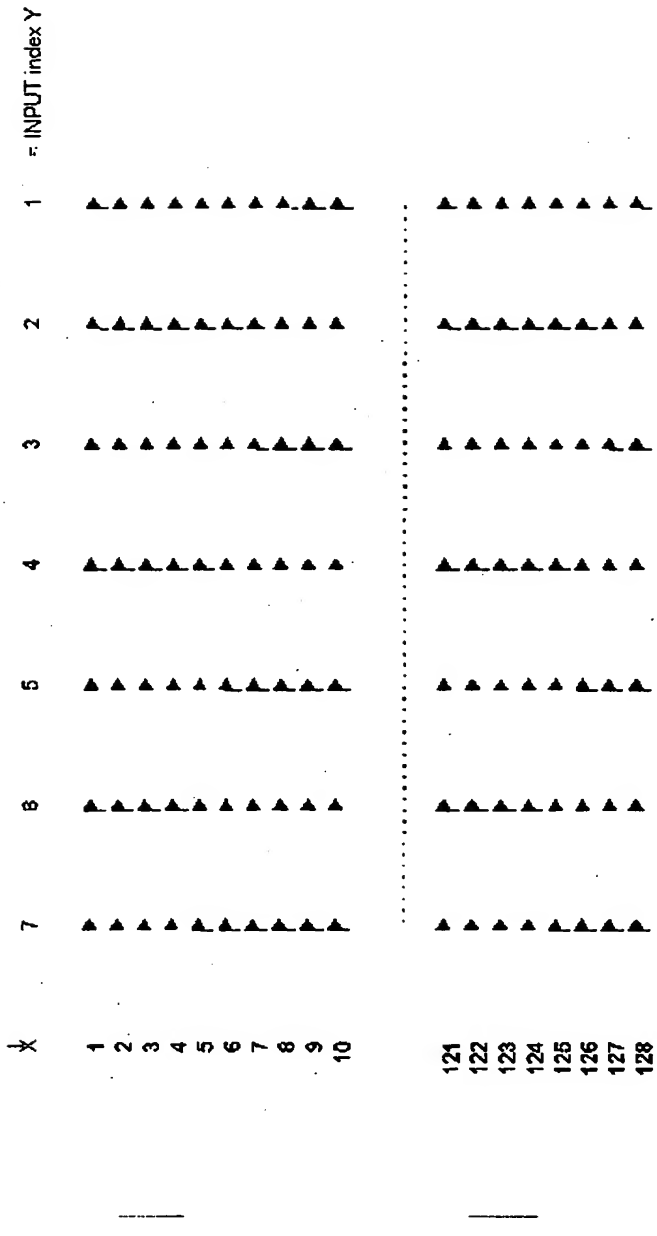

= INPUT index Y
1
2
3
4
5
6
7
8
9
10
121
122
123
124
125
126
127
128
X INDEX
INPUT STN PATCH MAP
= ALIVE STN
INPUT STATION PATCH SIZE = 128 * 7 IN X * Y, 896 TRACES PER INPUT SHOT
HORIZONTAL Y SCALE 480m
VERTICAL X SCALE 16m

Figure 4

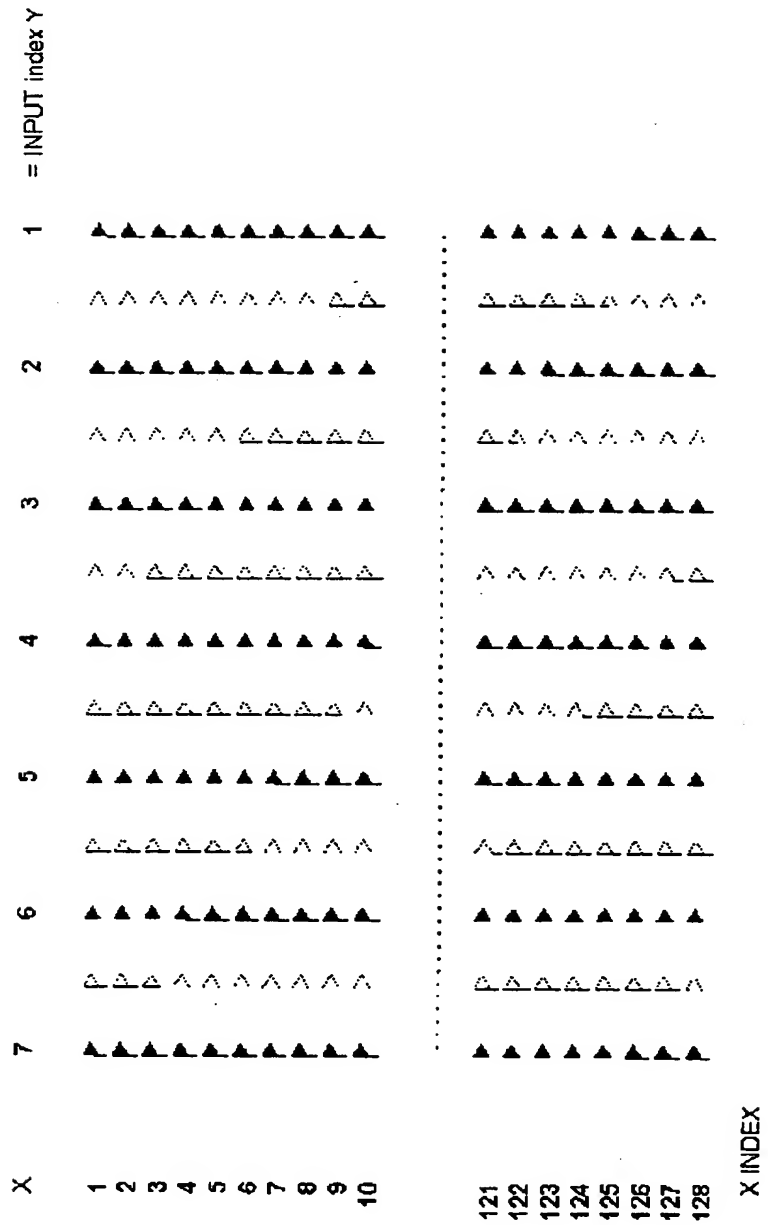
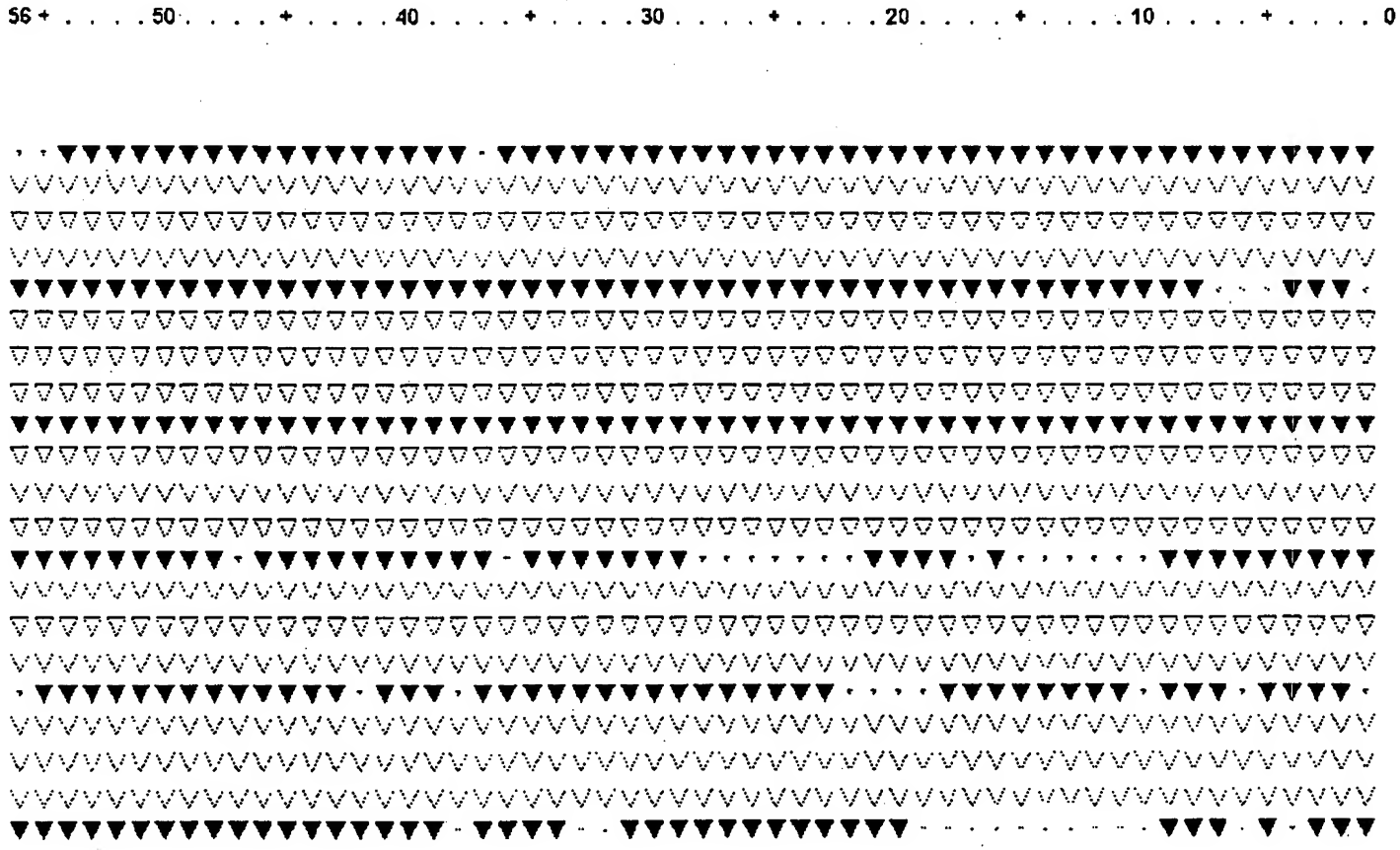


Figure 5

INTERPOLATED STN PATCH MAP:
▲ = A LIVE STN (COINCIDE WITH INPUT STN PATCH)
^ = ADDED STN (ALSO FORM LINE IN X DIRECTION)
REDUCE STN LINE SPACING (dY) FROM 480 TO 240
INCREASE # OF STN LINES OF A PATCH FROM 7 TO 13 = (7-1) * 2+1
OUTPUT STATION PATCH SIZE = 128 * 13 IN X * Y, 1664 TRACES PER OUTPUT SHOT.
HORIZONTAL Y SCALE 240m (REDUCED BY HALF)
VERTICAL X SCALE 16m (NO CHANGE)



INPUT SHOT POSITION MAP:
▼ = A LIVE SHOT
· = NO SHOT
▽ = INTERPOLATED SHOTS
TOTAL LIVE INPUT SHOTS = 317

*** PCINT POSITION MAP ***
HORIZONTAL Y SCALE 96m
VERTICAL X SCALE 128m

Figure 6

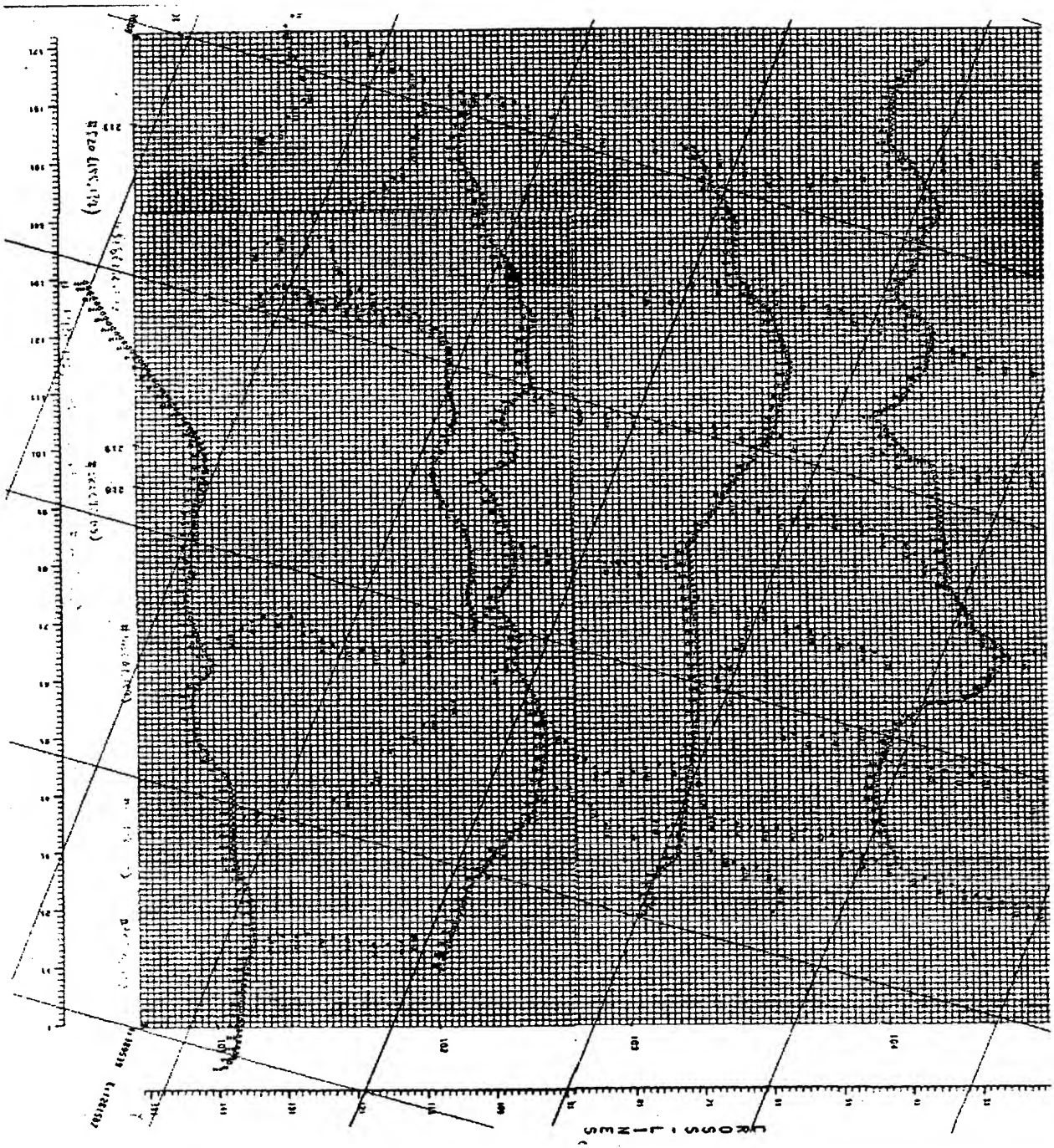


Figure 7

Figure 8

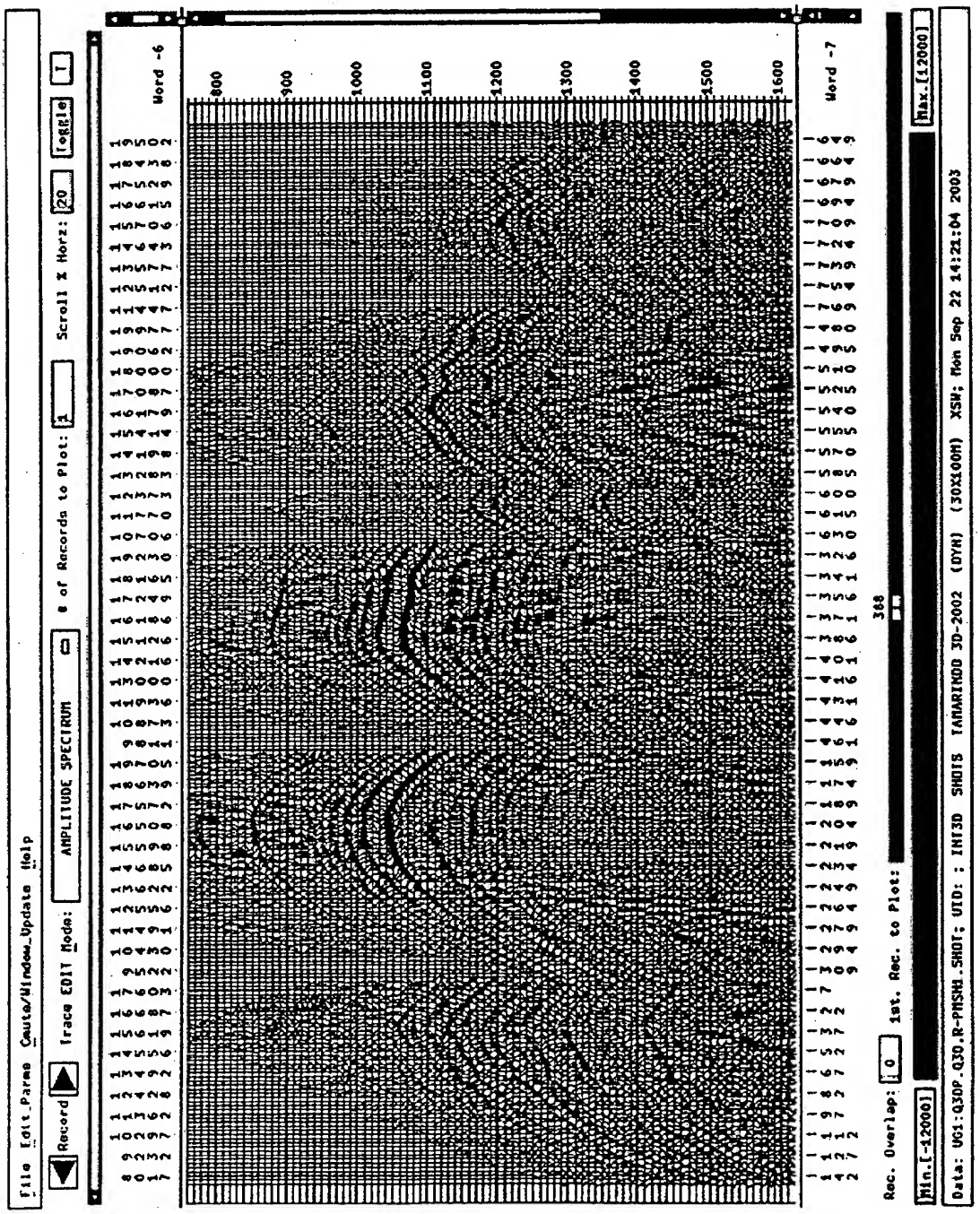

File Edit_Parms Cmute/Window_Update Help
Record
Trace EDIT Mode:
AMPLITUDE SPECTRUM
# of Records to Plot:
Scroll % Horz:
Toggle
Word -6
Word -7
800
900
1000
1100
1200
1300
1400
1500
1600
Rec. Overlap:
1st. Rec. to Plot:
Min.[-12000]
Max.[12000]
Data: UG1:Q3DP.Q3D.R-PMSM.SHOT; UID: ; INI3D SHOTS TARARINDO 3D-2002 (DYN) (30X100M) XSW; Mon Sep 22 14:21:04 2003

Figure 9

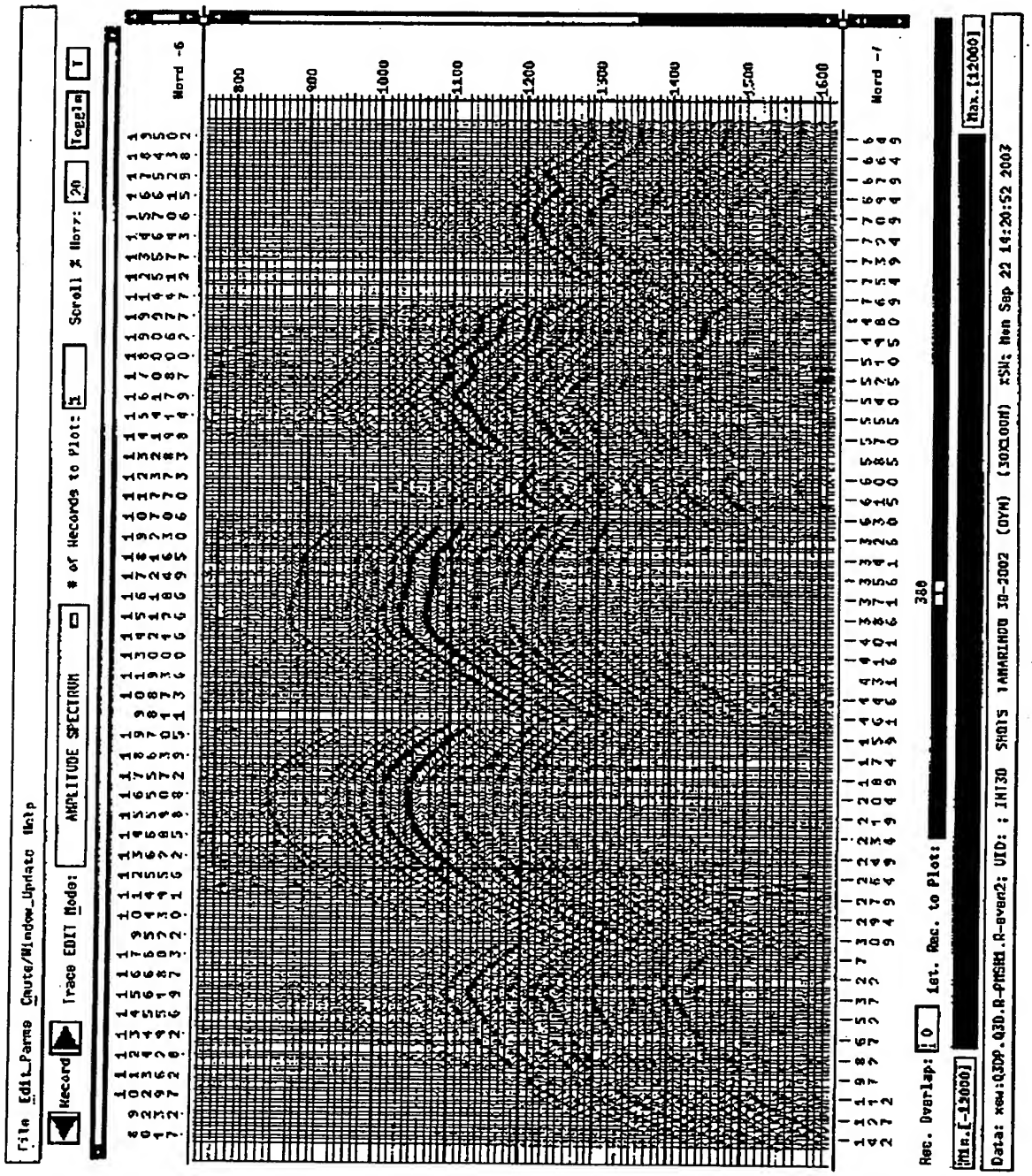

File Edit_Parms Chute/Window_Update Help
Record
Trace EDIT Mode:
AMPLITUDE SPECTRUM
# of Records to Plot:
Scroll # Horz:
Toggle
Word -6
Word -1
800
900
1000
1100
1200
1300
1400
1500
1600
Rec. Overlap:
Int. Rec. to Plot:
Min.[-120000]
Max.[112000]
Data: xsw:0309.030.R-PMEM1.R-svan2; UID: ; IN130 SHOTS 1AMARILLO 30-2002 (DYN) (30CLOUD) rSN: Mon Sep 22 14:20:52 2003

Figure 10

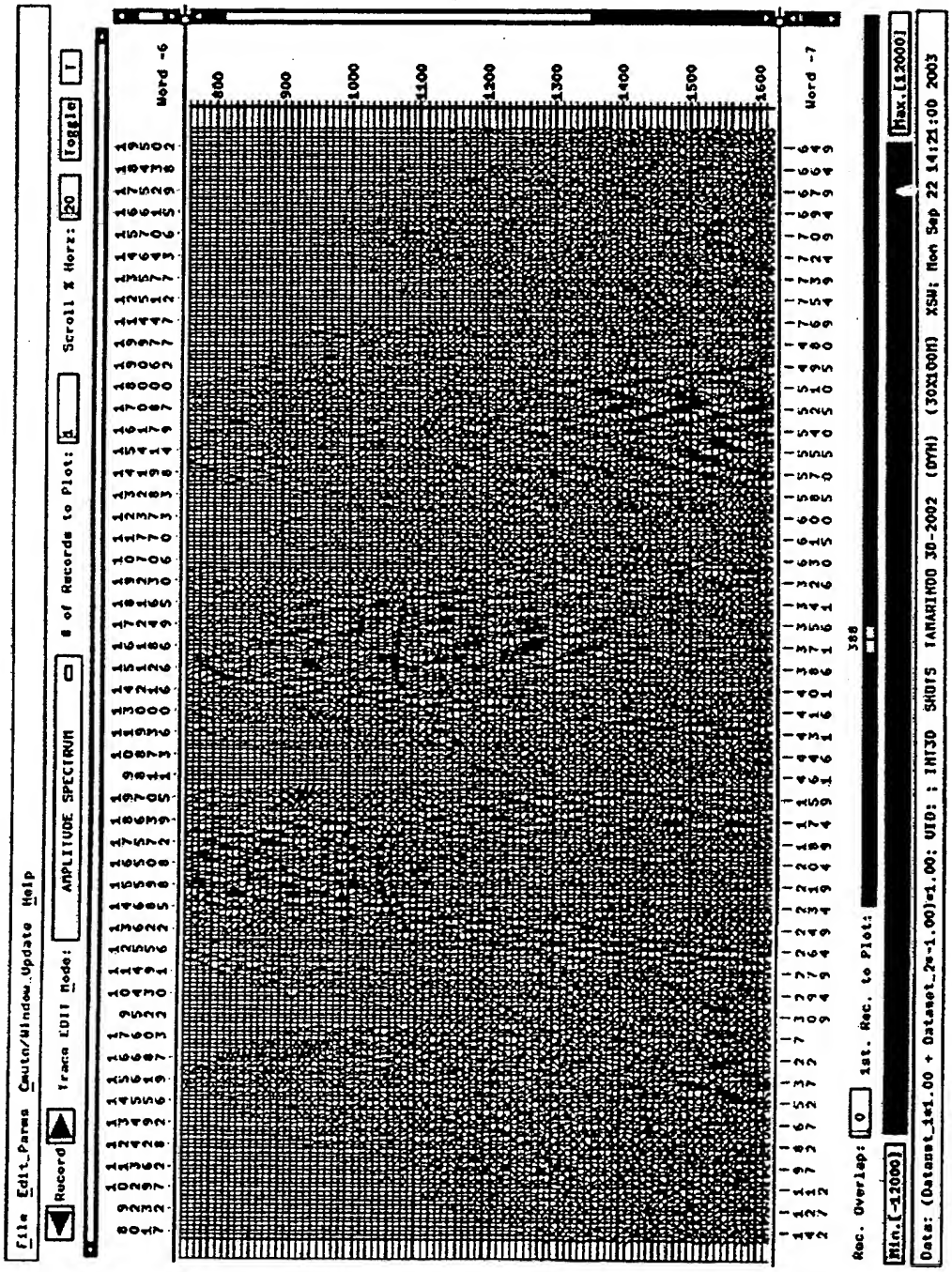

File Edit_Parms Cmutn/Window Update Help
Record
Trace EDIT Mode:
AMPLITUDE SPECTRUM
# of Records to Plot:
Scroll % Horz:
20
Toggle
T
Word -6
Word -7
800
900
1000
1100
1200
1300
1400
1500
1600
Rec. Overlap:
0
1st. Rec. to Plot:
Min.(-12000)
Max.(12000)
Data: (Dataset_1t1.00 + Dataset_2*-1.00)*1.00; UID: ; INT3D SHOT5 TAMARINDO 30-2002 (DYN) (30X100M) XSW; Mon Sep 22 14:21:00 2003

Figure 11

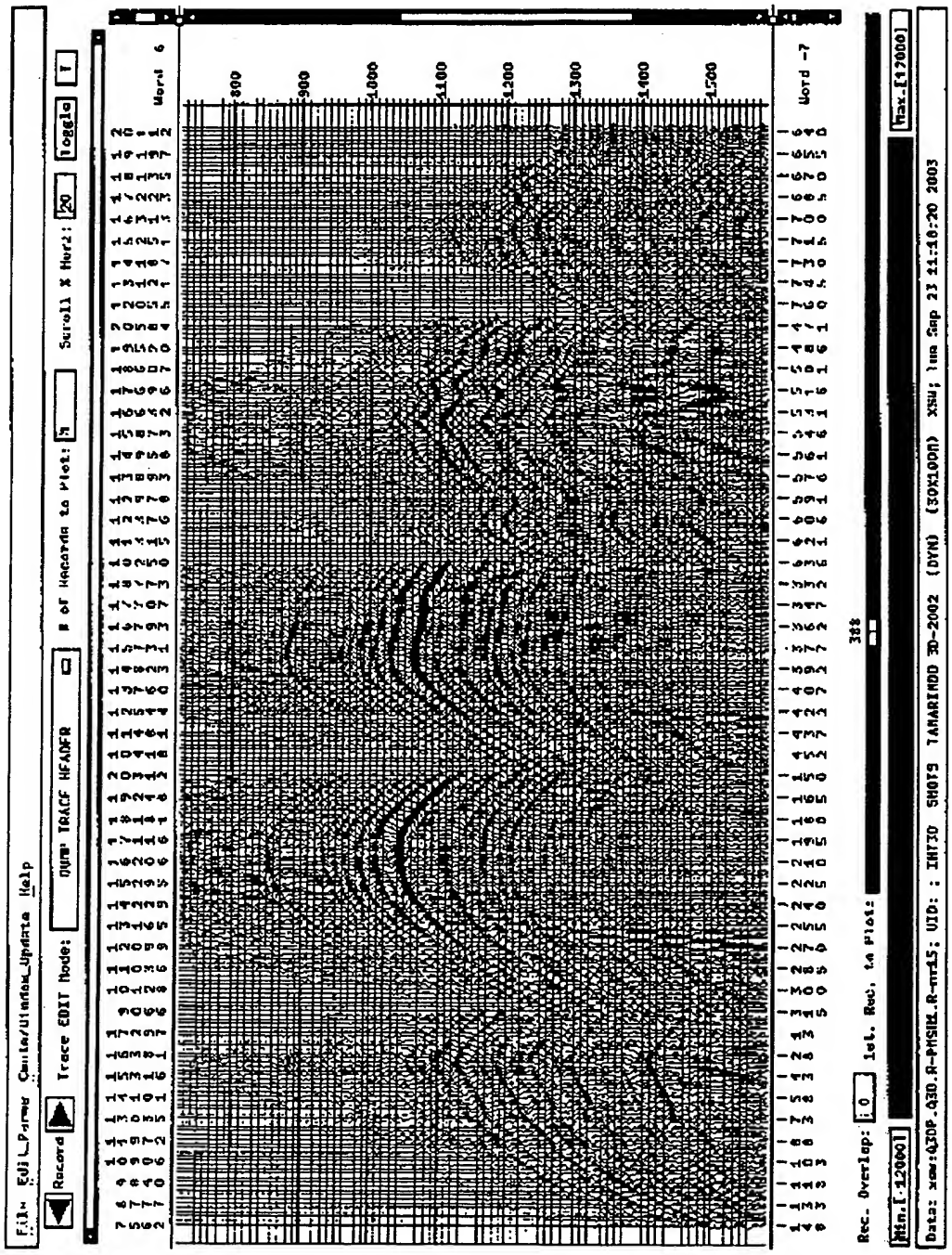
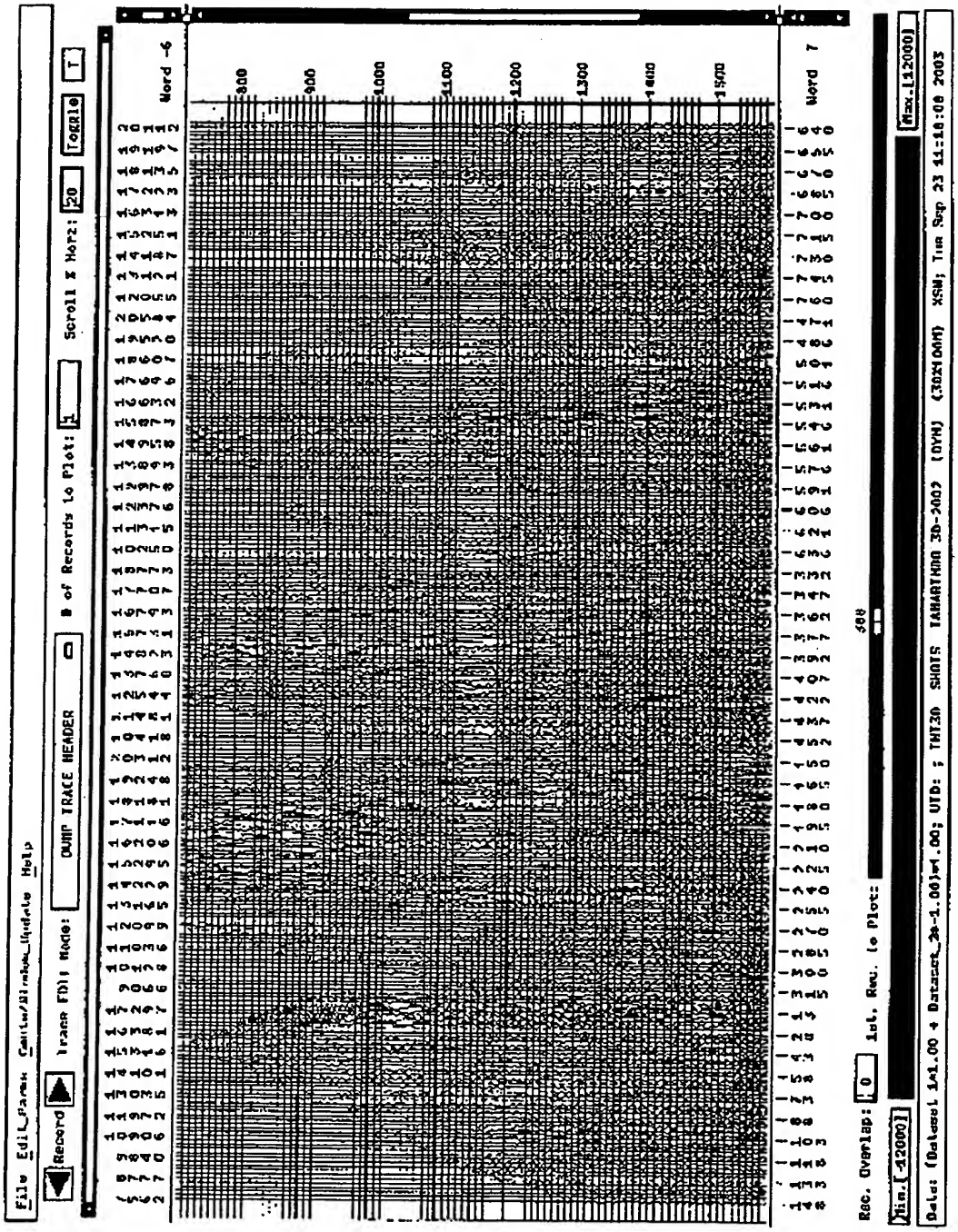

File Edit_Params Centre/Window_Update Help
Record
Trace EDIT Mode:
DUMP TRACE HEADER
# of Records to Plot:
Scroll X Hard:
Toggle
Word 6
Word -7
800
900
1000
1100
1200
1300
1400
1500
Rec. Overlap:
1st. Rec. to Plot:
Min.E-12000
Max.E12000
Data: xmar4300.A30.R-PHSML.R-mr45; UID: ; INT3D SHOTS TAMARIND 3D-2002 (DYN) (30X100) XSW; Tue Sep 23 11:10:20 2003

Figure 12


File Edit_Parm Cmrtw/Blanker_Update Help
Record
Trace Edit Mode:
DUMP TRACE HEADER
# of Records to Plot:
Scroll # Horz:
20
Toggle
Word -6
Word 7
800
900
1000
1100
1200
1300
1400
1500
Rec. Overlap:
0
Int. Rec. to Plot:
Min.(42000)
Max.(120000)